

Converting Colors

Hex(3567EE)

Have a look what the booklet for
Hex(3567EE) contains.

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Color

Hex(3567EE)

Conversions

Conversions Part 1

Format	Color
Hex	3567EE
RGB	53, 103, 238
RGB Percent	21%, 40%, 93%
CMY	0.7922, 0.5961, 0.0667
CMYK	0.78, 0.57, 0.00, 0.07
HSL	224°, 84%, 57%
HSV	224°, 78%, 93%
XYZ	21.7511, 16.6304, 82.9525
YIQ	103.4400, -73.1350, 31.3850

Conversions

Conversions Part 2

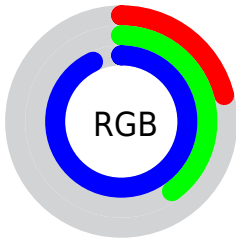
Format	Color
R _Y B	53, 92, 238
Decimal	3500014
CIE Lab	47.79, 30.87, -72.68
CIE LCh	48, 78.965, 293.014
Yxy	16.6304, 0.1793, 0.1371
Android (android.graphics.Color)	4281690094 (0xFF3567EE)
YUV	103.4400, 66.3381, -44.2359
Hunter-Lab	40.7804, 23.8409, -92.0570




Details

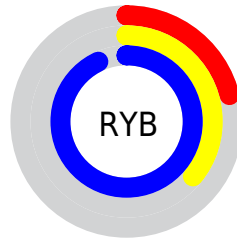
The Hex color **3567EE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EEBC35**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **7F9AFF**, and **0039B5** is the 20% darker color. If you saturate the color by 10%, you get **1D56EE**, and if you desaturate by 10%, it is **4D78EE**.

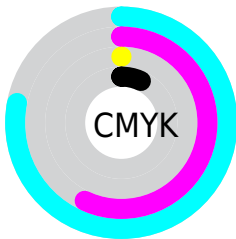
Distribution







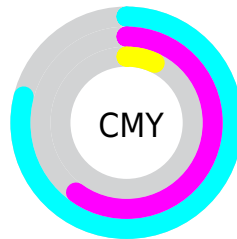
-  Red (21%)
-  Green (40%)
-  Blue (93%)






-  Red (21%)
-  Yellow (36%)
-  Blue (93%)



-  Cyan (78%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (7%)



-  Cyan (79%)
-  Magenta (60%)
-  Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3567EE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3567EE by changing the saturation by 10% instead.

 3567EE

 3567EE

FFFFFF

 004FD1

 7F9AFF

 0039B5

 9EB4FF

 002599

 BED0FF

 00147F

 DDECFF

 000065

 FCFFFF

 00094C

 000434

 00021E

 000000

 3567EE

 3567EE

 1D56EE

 4D78EE

 0544EE

 658AEE

 0040EE

 7C9BEE

 94ACEE

 ACBEE

 C4CFEE

 DCE1EE

 F3F2EE

 FFFFEE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007FF8



3567EE



AF3FC3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3567EE



C64800



008C5F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3567EE



EEBC35

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008710



3567EE



976900

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3567EE



E01042



597D00



008DA4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3567EE



D2169A



597D00



008B47

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3567EE



C4D4FF



35EEBA



5C6580



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3567EE



1252FF



5D35EE



6C6F78



0032B8



000F38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EE3567



FF1252



C6EE35



786C6F



B80032



38000F

Previews

White Background



This preview shows how the Hex color 3567EE looks on a white background.

Color Contrast Check

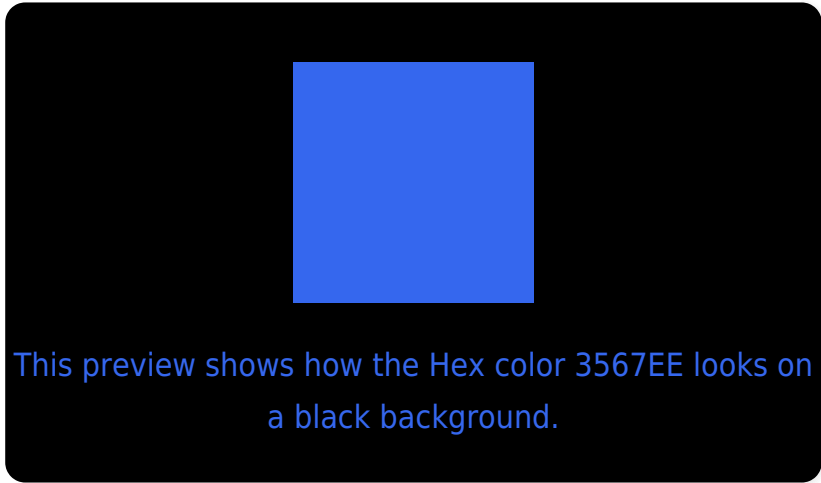
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

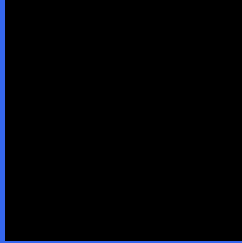
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3567EE Background



This preview shows how black text looks on a background with the Hex color 3567EE.

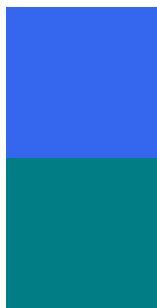


This preview shows how white text looks on a background with the Hex color 3567EE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
3567EE

Tritanopia
007D85

Trichromacy



Original Color
3567EE



Tritanomaly
1375AB

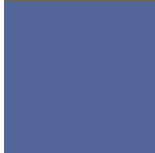
Monochromacy



Original Color
3567EE



Achromatopsia
676767



Achromatomaly
556798

CSS Examples

Text

The CSS property to change the color of the text to Hex 3567EE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3567EE looks like.

```
.text, #text, p{  
    color:#3567EE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3567EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3567EE
}
```

Border

The CSS property to change the border of an element to Hex 3567EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3567EE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3567EE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3567EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3567EE; -webkit-box-shadow:4px 4px  
4px 4px #3567EE; box-shadow:4px 4px 4px  
4px #3567EE }
```

Background

The CSS property to change the background color of an element to Hex 3567EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3567EE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3567EE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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